



MARKET BOSWORTH RURAL DISTRICT COUNCIL

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH.
FOR THE YEAR 1963



MARKET BOSWORTH RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

OF THE

MEDICAL OFFICER OF HEALTH.

FOR THE YEAR 1963.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I HAVE THE HONOUR TO SUBMIT THE REPORT FOR THE YEAR 1963.
CERTAIN ITEMS STAND OUT FOR PARTICULAR COMMENT:

STATISTICS.

THE REGISTRAR GENERAL'S ESTIMATED POPULATION IS BASED
ON A CALCULATION.

DURING 1963 THERE WERE 58 MORE BIRTHS AND 63 MORE DEATHS
THAN IN 1962. 199 OF THE DEATHS WERE OF PEOPLE AGED 75 AND OVER.

INFECTIOUS DISEASE.

THE MAIN BULK OF THE NOTIFICATIONS WERE OF CASES OF MEASLES.
AT THE BEGINNING OF THE YEAR A SUSPECTED CASE OF PSITTACOSIS IN A
MACAW PARROT WAS NOTIFIED BY A LOCAL VETERINARY SURGEON.
INVESTIGATIONS WERE MADE AND IT WAS FOUND THAT, DUE TO TRAVEL BY
THE OWNERS, SEVERAL LOCAL AUTHORITIES WERE INVOLVED, SEVEN IN ALL.
SURVEILLANCE OF CONTACTS WAS MADE FOR SIXTEEN DAYS BUT NO CASES
DEVELOPED IN HUMANS.

THE STATISTICAL TABLE SHOWS ONE NOTIFICATION OF FOOD
POISONING. THIS CONCERNS A NOTIFICATION OF SALMONELLA TYPHI MURIUM
INFECTION AT IBSTOCK. INVESTIGATION BY THE PUBLIC HEALTH INSPECTOR
REVEALED THAT A NUMBER OF OTHER ASSOCIATED PEOPLE HAD HAD SIMILAR
SYMPTOMS, ALL OF WHOM HAD ATTENDED A WEDDING RECEPTION LUNCHEON
AT WHICH THERE WERE 94 GUESTS FROM VARIOUS DISTRICTS. THE CATERING
WAS CARRIED OUT BY A FIRM IN AN ADJOINING LOCAL AUTHORITY AREA.
ALL POSSIBLE INTERESTED PUBLIC HEALTH DEPARTMENTS WERE INFORMED.
ALTHOUGH NO FURTHER BACTERIOLOGICAL CONFIRMATION WAS OBTAINED OF
A MORE WIDESPREAD OUTBREAK THAN THE STATISTICS INDICATE, THIS
INCIDENT SERVES AS AN EXAMPLE OF THE POSSIBLE FAR-REACHING EFFECTS
OF A CONTAMINATED COMMUNAL MEAL.

WATER SUPPLIES.

DURING 1963 THE COUNCIL EXPRESSED ITSELF IN FAVOUR OF THE
POLICY OF ADJUSTING THE LEVEL OF FLUORIDE IN DRINKING WATER TO ONE
PART PER MILLION IN ORDER TO PREVENT DENTAL DECAY IN INFANTS AND
YOUNG CHILDREN.

TWO "POCKETS" REQUIRING PIPED SUPPLIES REMAINED, VIZ:
BULL IN THE OAK AREA AND COPT OAK.

COMPLAINTS REGARDING DISCOLOURATION OF PIPED WATER
SUPPLIES WERE REFERRED TO THE LEICESTER WATER DEPARTMENT AND
EXPLANATORY REPLIES WERE RECEIVED.

THE HISTORY OF THE UNITED STATES

OF AMERICA

BY

JOHN F. JOHNSON

NEW YORK

1875

Published by the author, 100 Nassau Street, New York.

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THE MAJORITY OF THE REQUESTS FOR MEDICAL SUPPORT FOR APPLICANTS FOR COUNCIL HOUSES CAME FROM THE IBSTOCK AND MARKFIELD AREAS.

ENVIRONMENTAL PROBLEMS.

MAJOR NUISANCE PROBLEMS REQUIRING ATTENTION DURING THE YEAR WERE:-

1. QUARRY DUST AFFECTING HOUSES IN THE NEIGHBOURHOOD OF BRADGATE QUARRY.
2. NOISE FROM MALLORY PARK RACING CIRCUIT.
3. FUMES FROM COLLIERY SPOIL BANKS.
4. SMOKE FROM IBSTOCK BRICK & TILE WORKS,
5. FUMES EMITTED DURING "SALTING" AT ELLISTOWN BRICK & PIPE WORKS.
6. THE STACKING OF MANURE IN HEAPS ON HIGHWAY VERGES.

NONE OF THESE PROBLEMS HAS ENDED WITH A CLEAR CUT SOLUTION.

PUBLIC CONVENIENCES.

THE RECOMMENDED PROVISION OF PUBLIC CONVENIENCES IN MARKET BOSWORTH VILLAGE LEADS ONE TO CONSIDER A MATTER WHICH IS GIVING RISE TO CONSIDERABLE CONCERN THROUGHOUT THE COUNTRY, VIZ: SANITARY CONDITIONS IN LAY-BYS. THE POLLUTION OF VERGES ON MAIN ROADS AND IN THE VICINITY OF LAY-BYS IS DUE TO THE LACK OF SANITARY FACILITIES ON TRUNK ROADS AWAY FROM THE BUILT UP AREAS. THE REASON FOR STATING THAT THE NEED IS AWAY FROM BUILT UP AREAS IS THAT THIS IS THE ONLY WAY OF AVOIDING LARGE ACCUMULATIONS OF PARKED VEHICLES, PARTICULARLY OF THE HEAVY COMMERCIAL TYPE IN THE NEIGHBOURHOOD OF TOWN CONVENIENCES. THIS IS A PROBLEM WHICH WILL ULTIMATELY HAVE TO BE FACED BY RURAL DISTRICT COUNCILS IN CONJUNCTION WITH HIGHWAY AUTHORITIES. THE CONTAMINATED LAY-BY IS NOT MERELY A NUISANCE, IT IS PREJUDICIAL TO HEALTH. A BIG STEP FORWARD TOWARDS LAY-BY SANITATION HAS BEEN MADE BY A COMMERCIAL FIRM WHICH HAS PERFECTED A "SELF-EMPTYING" CHEMICAL SANITATION SYSTEM. ONE OF THESE INSTALLATIONS IS ALREADY IN OPERATION ON THE A.40 TRUNK ROAD IN OXFORDSHIRE.

CONCLUSION.

THESE COMMENTS ARE NOT INTENDED TO BE COMPREHENSIVE BUT RATHER TO INDICATE SOME OF THE MORE OUTSTANDING ITEMS RECEIVING ATTENTION DURING 1963.

ACKNOWLEDGMENTS.

I AM PARTICULARLY GRATEFUL TO MR. GREENFIELD, CHAIRMAN OF THE PUBLIC HEALTH COMMITTEE, FOR HIS WILLINGNESS AT ALL TIMES TO MAKE PERSONAL VISITS TO PROBLEMS OF PARTICULAR IMPORTANCE AND ALSO FOR HIS HELP AND SUPPORT ON THESE OCCASIONS.

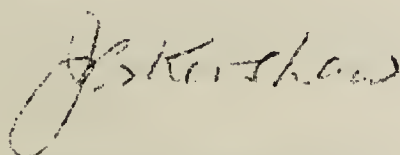
ACKNOWLEDGMENT IS ALSO DUE TO THE MEMBERS OF THE COMMITTEE

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FOR THEIR ENCOURAGEMENT AND SUPPORT; TO MR. FYFE FOR PREPARING DATA ON SANITARY CIRCUMSTANCES IN THE DISTRICT, AND TO MR. TROWBRIDGE AND THE OTHER MEMBERS OF THE COUNCIL'S STAFF.

I AM,

YOUR OBEDIENT SERVANT,



MEDICAL OFFICER OF HEALTH.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

AREA (IN ACRES).....	63,955.
POPULATION CENSUS 1921.....	23,196.
POPULATION CENSUS 1951.....	26,370.
ESTIMATED RESIDENT POPULATION 1962.....	27,780.
ESTIMATED RESIDENT POPULATION 1963.....	28,240.
NO. OF INHABITED HOUSES.....	9,252.
RATEABLE VALUE (AT 1ST. APRIL 1963).....	£885,962.
ESTIMATED SUM REPRESENTED BY A PENNY RATE 1963/64.....	£3,565.

SOCIAL CONDITIONS.

THE POPULATION IS PARTLY INDUSTRIAL AND PARTLY AGRICULTURAL. WHILST SOME ARE EMPLOYED BY BUSINESSES IN THE ADJOINING AREAS OF LEICESTER, NUNEATON, HINCKLEY AND COALVILLE.

THE MAIN INDUSTRIAL OCCUPATIONS ARE IN COAL MINING, GRANITE QUARRYING, ENGINEERING, BOOT & SHOE AND HOSIERY MANUFACTURE.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

HOSPITALS ARE ADMINISTERED BY THE SHEFFIELD REGIONAL HOSPITAL BOARD AND A GROUP MANAGEMENT COMMITTEE AT LEICESTER.

INSTITUTIONAL ACCOMMODATION FOR ELDERLY PEOPLE IS PROVIDED BY THE LEICESTERSHIRE COUNTY COUNCIL.

BOSWORTH PARK INFIRMARY HAS ACCOMMODATION FOR CHRONIC SICK PATIENTS. IN THE SAME INSTITUTION IS A HOSPITAL SCHOOL FOR SPASTIC AND CERTAIN LONG TERM CHILD HOSPITAL PATIENTS.

WESTHAVEN AT MARKET BOSWORTH, HAS ACCOMMODATION FOR BOTH CHRONIC SICK AND COUNTY COUNCIL ELDERLY PERSONS.

MARKFIELD HOSPITAL, FORMERLY FOR TUBERCULOSIS PATIENTS, NOW TAKES CERTAIN TYPES OF GENERAL MEDICAL AND SURGICAL PATIENTS. IN THIS CONNECTION THE ACCOMMODATION AVAILABLE FOR THE OLDER PATIENT, SUFFERING FROM A CHEST ILLNESS AND REQUIRING A MEDIUM LENGTH STAY IN HOSPITAL, IS PARTICULARLY VALUABLE TO THE COMMUNITY.

MATERNITY ACCOMMODATION IS MAINLY SITUATED AT LEICESTER, NUNEATON AND KIRBY MUXLOE - ALL OUTSIDE THE RURAL DISTRICT.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

1952

REPORT NO. 10

THE EFFECT OF TEMPERATURE ON THE RATE OF REACTION OF HYDROGEN PEROXIDE WITH FERROUS SULFATE

BY
J. H. KILPATRICK
AND
J. E. HARRIS
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS

SUMMARY

The reaction of hydrogen peroxide with ferrous sulfate in sulfuric acid solution has been studied at various temperatures. The rate of reaction increases with increasing temperature.

The activation energy for this reaction has been determined to be 14.5 kcal/mole.

INTRODUCTION

Hydrogen peroxide is a powerful oxidizing agent and is widely used in chemical and industrial processes. The reaction of hydrogen peroxide with ferrous sulfate is of interest because of its role in the Fenton reaction.

The purpose of this study was to determine the effect of temperature on the rate of reaction of hydrogen peroxide with ferrous sulfate in sulfuric acid solution.

The reaction was studied at temperatures of 10, 20, 30, 40, and 50°C. The rate of reaction was measured by the disappearance of ferrous sulfate.

The results of the study show that the rate of reaction increases with increasing temperature. The activation energy for this reaction has been determined to be 14.5 kcal/mole.

The authors wish to thank the National Science Foundation for its support of this research.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA (CONT)

PART III NATIONAL HEALTH SERVICE ACT SERVICES ARE ADMINISTERED BY THE LEICESTERSHIRE COUNTY COUNCIL DIRECT.

CERTAIN VOLUNTARY OLD PEOPLE'S WELFARE ASSOCIATIONS ARE PARTICULARLY ACTIVE IN PROVIDING COMMUNITY SERVICES FOR ELDERLY PERSONS, WHICH ARE COMPLEMENTARY TO THOSE PROVIDED BY THE COUNTY COUNCIL. IN THIS CONNECTION, THE NUMBER OF SUCH ASSOCIATIONS PROVIDING CHIROPODY SERVICES WITH FINANCIAL SUPPORT FROM THE COUNTY COUNCIL HAS INCREASED.

TOWARDS THE END OF THE YEAR UNDER REVIEW PLANS WERE MADE BY THE W.V.S. FOR THE INSTITUTION OF A MEALS ON WHEELS SERVICE FOR ELDERLY PEOPLE IN IBSTOCK.

VITAL STATISTICS.

BIRTHS, LEGITIMATE.	M.247.	F.198.	TOTAL. 480.
BIRTHS, ILLEGITIMATE.	M. 14.	F. 6.	TOTAL. 20.
	<u>M.261.</u>	<u>F.204.</u>	<u>TOTAL. 500.</u>

STILLBIRTHS: 2 ILLEGITIMATE. 9 LEGITIMATE. TOTAL.....	11.
CRUDE BIRTH RATE (COMPARABILITY FACTOR 1.04).....	17.7.
BIRTH RATE FOR ENGLAND AND WALES.....	18.2.
STILLBIRTH RATE PER 1000 LIVE AND STILLBIRTHS.....	21.3.
TOTAL LIVE AND STILLBIRTHS.....	511.
INFANT DEATHS UNDER 1 YEAR.	9.
INFANT DEATHS PER 1000 LIVE BIRTHS.....	18.0.
INFANT DEATHS PER 1000 LIVE BIRTHS, ENGLAND & WALES.....	20.9.
INFANT MORTALITY RATE PER 1000 LIVE BIRTHS:-	
LEGITIMATE.....	16.0.
ILLEGITIMATE.....	2.0.
NEONATAL MORTALITY RATE PER 1000 LIVE BIRTHS.....	12.0.
DEATHS. M.203. F.195. TOTAL.....	398.
CRUDE DEATH RATE (COMPARABILITY FACTOR 0.89).....	14.09.
CRUDE DEATH RATE FOR ENGLAND AND WALES.....	11.2.
DEATHS FROM CAUSES ASSOCIATED WITH CHILDBIRTH AND PREGNANCY.....	0.
DEATHS FROM CANCER (ALL AGES).....	67.

CAUSES OF DEATH. (ALL AGES)

(REGISTRAR GENERAL'S CLASSIFICATION.)

	<u>MALES.</u>	<u>FEMALES.</u>
ALL CAUSES.....	203.	195.
TUBERCULOSIS: RESPIRATORY.....	0.	1.
OTHER INFECTIVE & PARALYTIC DISEASES.....	1.	0.
MALIGNANT NEOPLASM: STOMACH.....	5.	3.
LUNG.....	15.	2.
BREAST.....	0.	6.
UTERUS.....	0.	2.
OTHER MALIGNANT NEOPLASMS.....	14.	20.

CAUSES OF DEATH. (CONT)

	<u>MALES.</u>	<u>FEMALES.</u>
DIABETES.....	3.	5.
VASCULAR LESIONS OF NERVOUS SYSTEM.....	38.	48.
CORONARY DISEASE, ANGINA.....	31.	24.
HIGH BLOOD PRESSURE WITH HEART FAILURE.....	3.	4.
OTHER HEART DISEASE.....	22.	27.
OTHER CIRCULATORY DISEASE.....	8.	9.
PNEUMONIA.....	7.	2.
BRONCHITIS.....	18.	4.
OTHER RESPIRATORY DISEASE.....	3.	3.
ULCER OF STOMACH OR DUODENUM.....	2.	0.
GASTRITIS AND DIARRHOEA.....	1.	1.
NEPHRITIS.....	0.	1.
HYPERPLASIA OF PROSTATE.....	1.	0.
CONGENITAL MALFORMATIONS.....	1.	1.
OTHER DEFINED AND ILL-DEFINED DISEASES.....	19.	27.
MOTOR VEHICLE ACCIDENTS.....	3.	2.
ALL OTHER ACCIDENTS.....	5.	2.
SUICIDE.....	3.	1.

AGE DISTRIBUTION OF DEATHS.

<u>AGE AT DEATH.</u>	<u>TOTAL ALL CAUSES.</u>
UNDER 4 WEEKS.....	6.
4 WEEKS AND UNDER 1 YEAR.....	3.
1 TO 4 YEARS.....	1.
5 TO 14 YEARS.....	1.
15 TO 24 YEARS.....	5.
25 TO 34 YEARS.....	-
35 TO 44 YEARS.....	5.
45 TO 54 YEARS.....	26.
55 TO 64 YEARS.....	54.
65 TO 74 YEARS.....	98.
75 AND OVER.....	199.

DEATHS OF INFANTS UNDER ONE YEAR.

<u>DATE.</u>	<u>PLACE.</u>	<u>HOME.</u>	<u>AGE.</u>	<u>CAUSE.</u>
12/1/63.	HOSPITAL.	IBSTOCK.	12 HOURS.	PREMATURITY.
6/2/63.	HOSPITAL.	MARKFIELD.	2 HOURS.	CEREBRAL HAEMORRHAGE.
19/2/63.	HOSPITAL.	SHACKERSTONE.	3 DAYS.	PREMATURITY.
4/3/63.	HOME.	RATBY.	10 MONTHS.	CARAVAN FIRE ASPHYXIA.
22/4/63.	HOSPITAL.	RATBY.	6 MONTHS.	NEOPLASM OF LIVER.
27/4/63.	HOSPITAL.	RATBY.	2 DAYS.	CEREBRAL HAEMORRHAGE.
4/6/63.	HOSPITAL.	NORTON JUXTA TWYCROSS.	1 MONTH.	MENINGO-MYELOCELE.
18/6/63.	HOSPITAL.	BARLESTONE.	6 DAYS.	PREMATURITY.
8/10/63.	HOSPITAL.	GROBY.	1 DAY.	PULMONARY ATELECTASIS.

COMPARATIVE FIGURES - DEATHS FROM CERTAIN CAUSES DURING THE LAST FOUR YEARS.

	<u>1960.</u>	<u>1961.</u>	<u>1962.</u>	<u>1963.</u>
TUBERCULOSIS: RESPIRATORY.	4	3	2	1
OTHER.	-	-	-	-
CORONARY DISEASE.	49	48	30	55
LUNG CANCER.	8	9	13	17
BRONCHITIS.	23	22	30	22
LEUKAEMIA.	1	1	2	0

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

<u>DISEASE.</u>	<u>TOTAL CASES NOTIFIED.</u>	<u>DEATHS.</u>
SCARLET FEVER.	9	0
WHOOPING COUGH.	30	0
MEASLES.	594	0
ACUTE PNEUMONIA.	7	9
PUERPERAL PYREXIA.	1	0
FOOD POISONING.	1	0
DYSENTERY.	5	0

THE FOLLOWING CASES OF TUBERCULOSIS WERE NOTIFIED DURING THE YEAR: -

	<u>NEW CASES.</u>				<u>DEATHS.</u>			
	RESPIR- ATORY.		NON-RESPI- RATORY.		RESPIR- ATORY		NON-RESPI- RATORY.	
	M.	F.	M.	F.	M.	F.	M.	F.
UNDER 5 YEARS.								
5 TO 14 YEARS.								
15 TO 24 YEARS.								
25 TO 44 YEARS.	-		-	1.	-		-	
45 TO 64 YEARS.	3.	-	-		-		-	
65 AND OVER.	-		-		-	1.	-	
TOTALS.	3.	-	-	1.	-	1.	-	-

DIPHTHERIA IMMUNISATION.

I AM INDEBTED TO THE COUNTY MEDICAL OFFICER OF HEALTH FOR THE INFORMATION IN THE FOLLOWING TABLE: -

<u>AGE AT 31/12/63.</u>	<u>I.E. BORN IN YEAR</u>	<u>PRIMARY IMMUNISATIONS.</u>	<u>BOOSTER INJECTIONS.</u>
UNDER 1.	1963	114	-
1.	1962	202	31
2.	1961	22	10
3.	1960	3	5
4.	1959	1	32
5.	1958)		
6.	1957)		
7.	1956)	2	184
8.	1955)		
9.	1954)		
10.	1953)		
11.	1952)		
12.	1951)	11	18
13.	1950)		
14.	1949)		

POLIOMYELITIS
VACCINATION

THIS WAS CONTINUED AND SATISFACTORY PROGRESS WAS MAINTAINED.

TUBERCULOSIS
VACCINATION.

B.C.G. VACCINATION OF THE SCHOOL LEAVING AGE GROUP WAS CONTINUED AND THE CUSTOMARY HIGH ACCEPTANCE RATE WAS MAINTAINED WITH THE EXCEPTION OF ONE SECONDARY MODERN SCHOOL WHERE THERE WAS A FALL IN ACCEPTANCES.

NATIONAL ASSISTANCE ACT 1948 SECTION 47.

NO STATUTORY ACTION WAS TAKEN UNDER THIS SECTION BUT A NUMBER OF CASES WERE DEALT WITH INFORMALLY.

IN ONE PARTICULAR CASE, PRELIMINARY ARRANGEMENTS WERE MADE FOR STATUTORY ACTION IN THE EVENT OF REFUSAL BY THE PATIENT WHEN A HOSPITAL VACANCY OCCURRED. HOWEVER, THE PATIENT WAS WILLING TO ACCEPT THE VACANCY, BUT UNFORTUNATELY, DIED 36 HOURS AFTER ADMISSION TO HOSPITAL.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

THE MEDICAL OFFICER OF HEALTH IS ALSO AN ASSISTANT COUNTY MEDICAL OFFICER AND MEDICAL OFFICER OF HEALTH FOR HINCKLEY URBAN DISTRICT COUNCIL.

THE CHIEF PUBLIC HEALTH INSPECTOR IS ALSO SURVEYOR. IN ADDITION THERE IS A DEPUTY CHIEF PUBLIC HEALTH INSPECTOR AND ONE ADDITIONAL PUBLIC HEALTH INSPECTOR.

SANITARY CIRCUMSTANCES OF THE AREA.

1. WATER SUPPLY.

- (1) The piped supplies have been satisfactory but the well
 - a. supplies proved mostly unsatisfactory on testing.
 - b. The Council relies on three outside Water Undertakings for supply and the difficulties experienced were outside our control.
 - c. Applications were made to South Staffordshire Water Undertaking and also to Coalville U.D.C. for increased quantity of supply.

(2) Piped Supplies - results of samples taken for analysis:-

RAW WATER.				TREATED AFTER GOING INTO SUPPLY.			
BACTERIOLOGICAL.		CHEMICAL.		BACTERIOLOGICAL.		CHEMICAL.	
Satis- factory.	Unsatis- factory.	Satis- factory.	Unsatis- factory.	Satis- factory.	Unsatis- factory.	Satis- factory.	Unsatis- factory.
2	3	1	1	3	-	-	-

DECLARATION

THE UNDERSIGNED DO HEREBY CERTIFY THAT THE

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1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

(3) Particulars of Water Supply to dwelling houses in the District:-

INTERNAL MAINS WATER SUPPLY		MAINS WATER FROM EXTERNAL STANDPIPES		WELL WATER SUPPLY	
No. of Dwelling Houses	Population	No. of Dwelling Houses	Population	No. of Dwelling Houses	Population
8,287	26,688	25	76	965	1,476

(4) Water Supply from Public Mains:-

(a) No. of Parishes with piped water supply:-

1. From Public Mains...20. 2. From private reservoirs...0.

(b) No. of Parishes without a piped water supply.....0.

(c) Particulars of any extensions of public water supplies:-

Extensions to existing mains to serve new housing site.

(d) No. of cases in which piped supply was substituted for well water..... 72.

(5) Recent Proposals.

No appreciable progress on proposed N.W. Leicester Water Board.

No progress made in proposal to provide a supply to Copt Oak in conjunction with three other authorities and the Water Board as suppliers.

(6) Water Supply from wells:-

NO. OF SAMPLES TAKEN FOR ANALYSIS			
Satisfactory.		Unsatisfactory.	
Chemical	Bacteriological	Chemical	Bacteriological
1.	2.	-	3

No. of wells closed:- 56. No. of wells cleansed etc:- 3.

2. SEWERAGE AND SEWAGE DISPOSAL.

No. of cesspools constructed during the year..... 2.

No. of cesspools abolished during the year..... 29.

Total number in district in 31st. December 1963..... 603.

No. of private sewage treatment plants constructed during year (Septic tanks)..... 14.

Extensions to sewers, or improvements during year:-

Congerstone, Bilstone & Shackerstone in progress.

Barton in the Beans completed.

Ibstock completed.

Sheepy & Ratcliffe Culey completed.

Odstone completed.

Bagworth Heath completed.

Grobby Stage III. in progress.

No. of Parishes with an efficient sewage disposal works... 17.

No. of Parishes where new schemes have been formulated.... 3.

Recent Proposals.

Progress of new Schemes of Sewerage and Sewage Disposal:-

Cadeby & Sutton Cheney approved in principle.

Shaw Lane and Battle Flat approved in principle.

Leicester Lane, Desford proposal, approved in principle.

Peckleton & Kirkby Mallory approved in principle.

3. CLOSET ACCOMMODATION.

Total No. in District on 31st. December 1963:-

(1) Privies...0. (2) Pail Closets... 948. (3) W.C's....7,648.

No. of closets converted to the water carriage system during year:-

(a) Privies.....0. (b) Pails..... 22.

Grant made towards cost of conversion..... £12.

No. of Privies (middens) converted to pail closets during year..0.

Means for the cleansing of earth closets, privies, ashpits, and Cesspools:-

Cesspools are emptied on owner's undertaking to pay costs.

Pail Closets.

Emptied by direct labour; contents disposed of on farm land and ploughed in.

Frequency of emptying:- weekly.

4. PUBLIC CLEANSING.

(a) No. of types of vehicles employed:- 2 S. & D. Freighters
3 Karrier Bantam Refuse Collectors.

(b) Frequency of collection:- Weekly.

(c) No. of dustbins allowed per dwelling house:- No fixed number.

(d) There is no special scheme for trade refuse in operation.

Disposal of Household Refuse.

(a) No. of controlled Tips.....0.

(b) No. of Crude Tips.....4.

(c) Incineration.....-

5. SANITARY INSPECTION OF THE AREA.

Total No. of complaints received..... 221.

Total No. of premises at which defects or nuisances were dealt with,..... 192.

6. INSPECTIONS MADE.

	No. of Inspections.	
	First Visits.	Re-visits.
Animal keeping.	32	23
Bakehouses.	5	13
Dairies.	2	9
Drainage Works.	263	132
Dwelling Houses (all purposes)	975	1124
Totals carried forward:-	1277	1301

Inspections Made. (Cont)

	First visits.	Re-visits.
Totals brought forward:-	1277	1301
Infectious Diseases Inquiries.	27	95
Food Poisoning Inquiries.	28	13
Food Premises.	85	52
Offensive Trades.	13	10
Refuse Collection and Disposal.	269	103
Rodent Control.	1482	2006
Schools.	14	11
Shops.	47	12
Slaughter houses & Meat Inspection.	779	315
Smoke Control.	12	5
Verminous & Dirty premises.	-	-
Caravans etc.,	64	31
Water Supplies.	79	26
Factories & Work Places.	14	5
Other Inspections.	627	183
TOTALS.	4,817	4,168

NOTICES.

INFORMAL.	HOUSING.	PUBLIC HEALTH.
Outstanding on 1st. Jan:	-	51
Issued during year.	-	271
Complied with during year	-	301
Outstanding 31st. December.	-	21

STATUTORY	HOUSING	PUBLIC HEALTH
-----	N I L	-----

SUMMARY ACTION.

No. of Summons Issued.	No. of Convictions Obtained.
-----	-----
N I L	-----

7. SHOPS. Particulars of any action taken during the year under Provisions of Section 38 of the Shops Act 1950:-

	Outstanding from previous year.	Defects found	Defects remedied	Outstanding 31st. Dec.
Sanitary Conveniences.	-	6	6	-
Temperature.	-	-	-	-
Ventilation.	-	1	1	-
Washing Facilities.	-	4	4	-
Lighting.	-	-	-	-
Facilities for taking Meals.-	-	-	-	-

8. CARAVAN SITES & CONTROL OF DEVELOPMENT ACT 1960.

No. of Site Licences issued:-

(a) Individual Vans... 2. (b) More than 2 Vans..... 3.

Three permanent Caravan Sites licensed for 31, 15 and 10 Vans respectively. Sanitary conveniences and piped water on sites.

9. REGULATED BUILDINGS.

Regulated Buildings.	No. in District	No. of Inspections	Action taken	General Conditions
Common Lodging Houses.	-	-	-	-
Canal Boats.	-	-	-	-
Offensive Trades.	2	23	-	Good

10. VERMINOUS PREMISES.

No. of Council Houses infested..... 0
 No. of other dwelling houses found infested.... 0
 No. of Houses disinfested..... 0

11. THE PET ANIMALS ACT. 1951.

No. of premises licensed..... 0
 No. of inspections..... 0
 Details of any contraventions 0.

RAG FLOCK & OTHER FILLING MATERIALS ACT 1951.

No. of premises registered for upholstering.etc. 0
 No. of premises licensed for Manufacture..... 0
 No. of premises licensed for storage of Rag Flock.. 0
 No. of samples taken..... 0

12. FOOD HYGIENE REGULATIONS. 1955.

FOOD HYGIENE (GENERAL) REGULATIONS. 1960.

No. of premises inspected..... 23.
 No. of inspections made for the purpose..... 29.
 No. of Informal Notices served..... 11.
 No. of Informal Notices complied with..... 11.
 No. of Informal Notices outstanding on 31st. Dec..... -
 No. of Formal Notices served..... -
 No. of Formal Notices complied with..... -
 No. of Formal Notices outstanding on 31st. December..... -

CLEAN AIR ACT. 1956.

Particulars of any action taken in connection with Smoke Control Order:-

No Smoke Control Orders in force. Frequent consultations with Alkali Works Inspectorate regarding factories under their control. Colliery Chimneys and Spoil Heaps have received informal attention. No future proposals contemplated. No recording stations in the District.

NOISE ABATEMENT ACT, 1960.

Particulars of any action taken during the year:-

No formal action taken. Considerable attention has been given to complaints regarding noise nuisance at Mallory Park Racing Circuit. Discussions are proceeding to try to limit and confine the times of racing and practising.

13. PREVENTION OF DAMAGE BY PESTS ACT. 1949.

No. of Infestations dealt with..... 320.
 No. of Inspections:-
 (a) By Public Health Inspectors..... 637.
 (b) By Rodent Operators..... 2851.
 Staff employed for these duties:-
 One full-time Operator.

14. SCHOOLS.

Particulars of any action taken in connection with Schools:-
 Continual pressure being applied to the Director of Education to carry out improvements at Sheepy and Barton in the Beans.

15. SWIMMING BATHS & POOLS OPEN TO THE PUBLIC.

No. in area..... Nil.

16. INSPECTION AND SUPERVISION OF FOOD.

ICE CREAM. No. of premises registered:-
 (a) Manufacture & Retail..... 0.
 (b) Manufacture only..... 0.
 (c) Retail only. (pre-packed).....110.
 No. of samples..... 0.

MILK SUPPLY.

DAIRIES (other than Dairy Farms) and DISTRIBUTORS (Section 8, Milk & Dairies (General Regulations) 1959.				
	No. of Inspections	No. of Contraventions.		
		Found.	Remedied	Outstanding on 31st. Dec.
DAIRIES.	8	-	-	-
DISTRIBUTORS.	3	-	-	-

Biological Milk Samples.

No. of Routine Bulk Samples taken.	Results of Biological Examination.		
	Satis- factory	Evidence of living Tubercle Bacilli	Evidence of Brucella Abortus
48	48	-	-

No. of individual samples taken following a positive Brucella Abortus report on a routine sample..... 0.

Bacteriological Milk Sampling.

Class.	No. of Samples.	Satisfactory.	Unsatisfactory.
Designated "Tuberculin Tested"			
"Pasteurised"	- - - -	- - - N I L - - - -	- - - -
"Sterilised"			

MEAT AND OTHER FOODS.

No. of Licensed slaughter houses in area..... 4.
 No. of animals slaughtered therein.....16,868.
 No. of animals examined therein.....16,868.
 No. of carcasses inspected at time of slaughter.....15,437.
 No. of Knackers' Yards in area..... -
 No. of visits to Knackers' Yards..... -

CARCASSES INSPECTED AND CONDEMNED.

	Cattle excluding Cows.	Cows	Calves	Sheep and Lambs.	Pigs	Horses
No. killed.	1870	439	136	7909	6514	-
Not Inspected.	1870	439	136	7909	6514	-
<u>All Diseases Except Tuberculosis.</u>						
Whole Carcasses condemned.	1	4	2	14	13	-
Carcasses of which some part or organ was condemned.	22	42	-	147	28	-
Percentage of No. inspected affected with diseases other than Tuberculosis.	1.2	14.8	1.5	1.8	0.6	-
<u>Tuberculosis Only.</u>						
Whole carcasses condemned.	-	-	-	-	-	-
Carcasses of which some part or organ was condemned.	-	1	-	-	4	-
Percentage of the No. inspected affected with tuberculosis.	-	0.2	-	-	0.06	-
<u>Cysticercosis.</u>						
Carcasses of which some part or organ was condemned.	-	-	-	-	-	-
Carcasses submitted to treatment by refrigeration.	-	-	-	-	-	-
Generalised and totally condemned.	-	-	-	-	-	-

Total weight of Meat etc: condemned:-

Meat. 3 tons. 11 cwts. 3 qrs. 1 lb.
 Offal. 19 cwts. 2 qrs. 4 lbs.

Meat Stalls.

No. of Inspections..... Nil.

Meat Shops, Meat Stores. etc.,

No. of Inspections..... 81.

Places where food (other than meat) is kept
or prepared for sale.

No. of inspections..... 59.

HOUSING.

NEW HOUSES.

1. Houses completed during year by:-
 - Local Authority..... 64.
 - Private Enterprise..... 185.
2. Houses in course of erection at end of year by:-
 - Local Authority..... 40.
 - Private Enterprise..... 153.
- Total No. of Postwar Houses completed by:-
 - Local Authority.....1444.
 - Private Enterprise.....1612.
- Total No. of applicants for Council Houses
at end of year..... 562.
- Total No. of applications received during year... 169.

INSPECTION OF DWELLING HOUSES DURING YEAR:-

1. Total No. of dwelling houses inspected for housing defects under Public Health or Housing Acts..... 975.
No. of inspections made for the purpose.....2099.
2. No. of dwelling houses (included under sub-head (1) above which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932..... 0.
No. of inspections mad for the purpose..... 0.
3. No. of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 20.

HOUSES DEMOLISHED.

	Houses Demolished	Displaced During Year	
		Persons.	Families.
In Clearance Areas.		N I L.	
Not in Clearance Areas:-			
As a result of formal or informal procedure under Sec. 17(1) Housing Act 1957.	12.	113.	38.
Local Authority owned houses certified unfit by the Medical Officer of Health.	-	-	-
Houses unfit for human habitation where action has been taken under local Acts.	-	-	-
Unfit houses included in Unfitness Orders.	-	-	-
UNFIT HOUSES CLOSED.		N I L.	

UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED.

	By Owner.	By Local Authority
After informal action by local Authority.	301.	-
After formal notice under (a) Public Health Acts, (b) Sections 9 & 16 Housing Act 1957.		Nil.
Under Section 24 Housing Act 1957.		Nil.

UNFIT HOUSES IN TEMPORARY USE (Housing Act 1957)..... Nil.
PURCHASE OF HOUSES BY AGREEMENT..... Nil.

HOUSING SUMMARY.

Total number of occupied houses in district..... 9252.
 Total number of Council Houses occupied in
 district.. 1847.

HOUSING ACT 1949.

Percentage Grant of the approved cost made by the
 Council towards reconditioning and improvements
 under the Act..... 50%
 No. of applications for grants received
 during year..... 48.
 From owner/occupiers..... 32.
 Owners of rented property..... 16.
 No. of applications approved..... 45.
 No. of applications refused..... 3.

HOUSE PURCHASE & HOUSING ACT. 1959.

No. of applications received for Standard Grants
 from:-
 Owner/Occupiers..... 42.
 Owners of rented properties..... 17.
 No. of applications approved..... 56.
 No. of applications refused..... 3.
 No. of properties improved during the year..... 76.

STAFF.

No. of Staff:- Qualified..... 3.
 Unqualified..... -
 Clerical..... 2.

Staff increase or decrease during year:- Nil.
 Present staff is considered adequate for proper performance
 of all duties.

FACTORIES ACTS 1937 to 1959.

1. Factories in which Sections 1,2,3,4, & 6 are to be enforced
 by Local Authorities.
 (a) No. on Register..... 49.
 (b) No. of inspections..... 25.
 (c) Written Notices..... -
 (d) Occupiers prosecuted..... -
 2. Cases in which defects were found..... Nil.

OUTWORK.

No. of Outworkers in August..... 87.
 Hosiery..... 37.
 Underwear..... 23.
 Gloves..... -
 Shoes..... 2.
 Braces..... 2.
 Textiles..... 18.
 Umbrellas..... 3.
 Corsets..... 2.

